

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Reed

Application No.: Unassigned

Filed: March 9, 2001

Title: System And Method For Maintaining
Large-Grained Database Concurrency
With A Log Monitor Incorporating
Dynamically Redefinable Business
Logic

Group Art Unit: Unassigned

Examiner: Unassigned

Attorney Docket No.: 007.0156.01

Assistant Commissioner for Patents
Washington, D.C. 20231

DRAWING TRANSMITTAL LETTER

Sir:

Enclosed herewith please find:

- () _____ sheets of redlined drawing(s) which indicate proposed changes to the drawing(s). Upon approval of these proposed changes, formal drawing(s) will be submitted.
- () _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Office Action dated _____.
- () _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawing(s) Objection (PTO-948) and approved in the Notice of Allowability dated _____.
- (X) 7 sheets of formal drawing(s).

Examiner's approval of the entry of these drawings is respectfully requested. No new matter has been added.

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

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Typed Name: Patrick J.S. Inouye

Signature: _____

Respectfully Submitted,

By _____

Patrick J.S. Inouye, Esq.

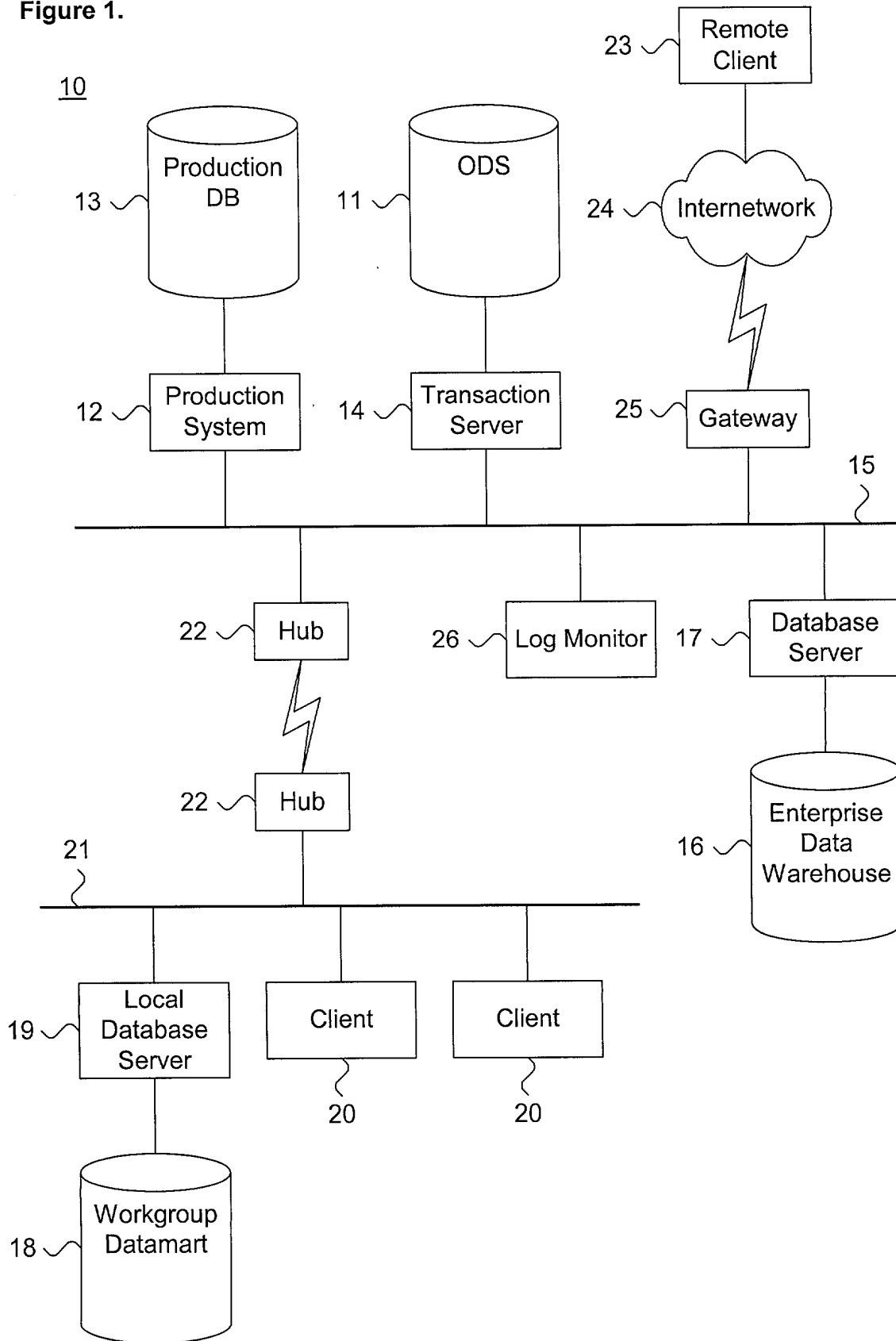
Attorney/Agent for Applicant(s)

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Date: March 9, 2001

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Figure 1.



**Figure 2
(Prior Art).**

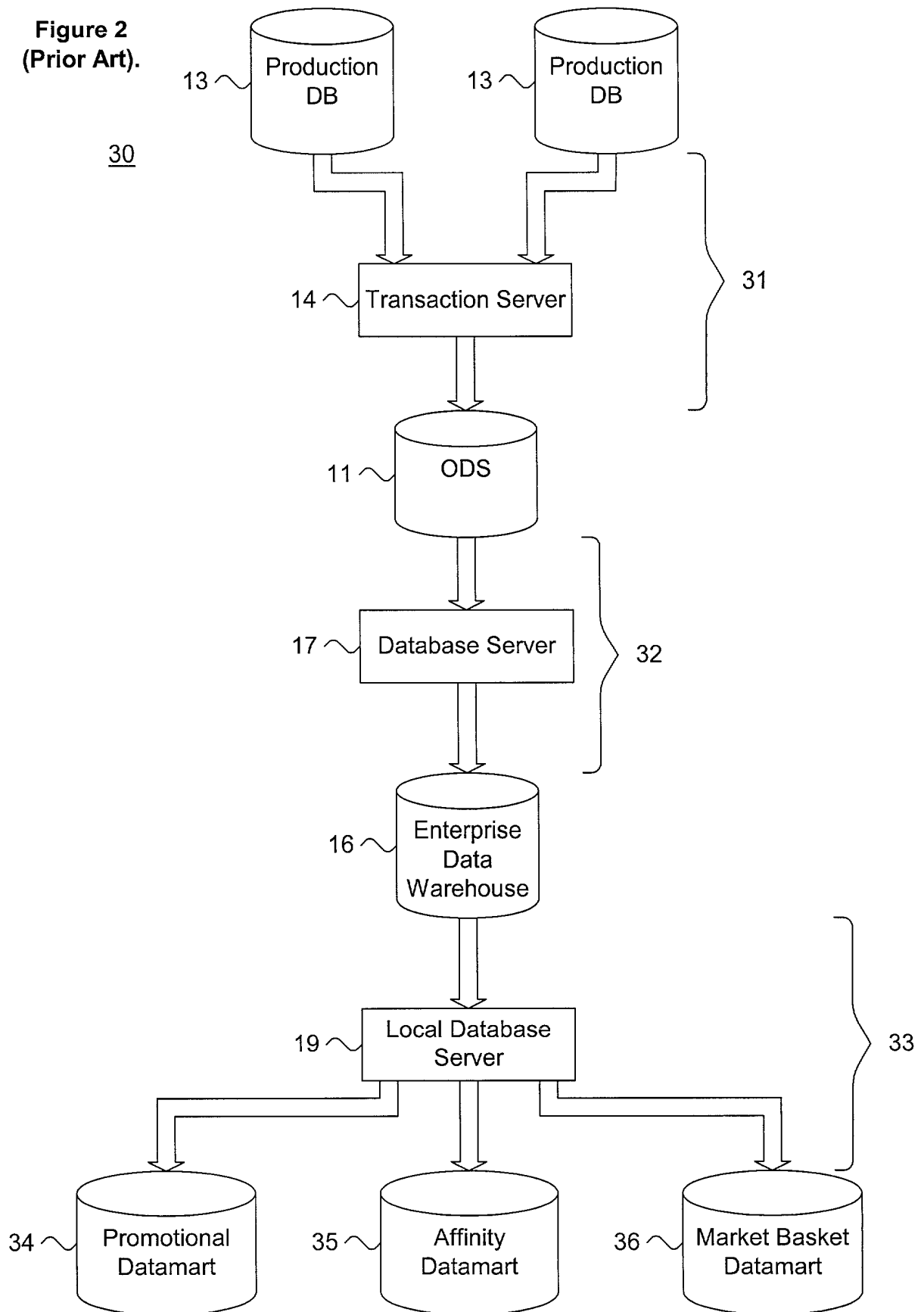


Figure 3.

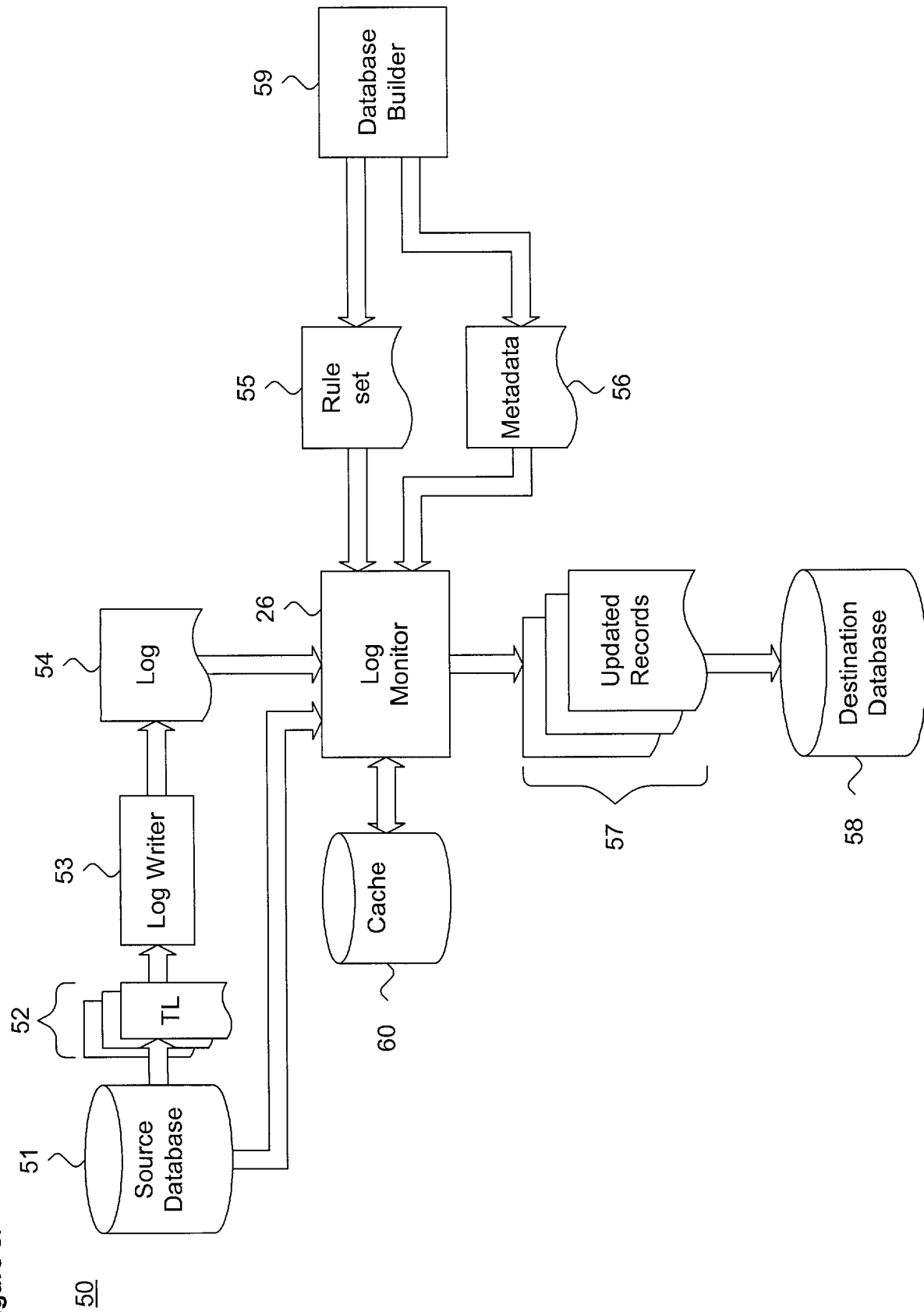


FIG. 4 is a block diagram of a record structure 70. The record structure 70 is divided into five fields: Timestamp (71), Table ID (72), Record ID (73), Operation Type (74), and Undo Info (75). Each field is represented by a rectangular box, and the fields are connected by a horizontal line. The fields are labeled with their respective reference numerals (71, 72, 73, 74, 75) and a bracket indicating the field's extent.

Figure 4.

70

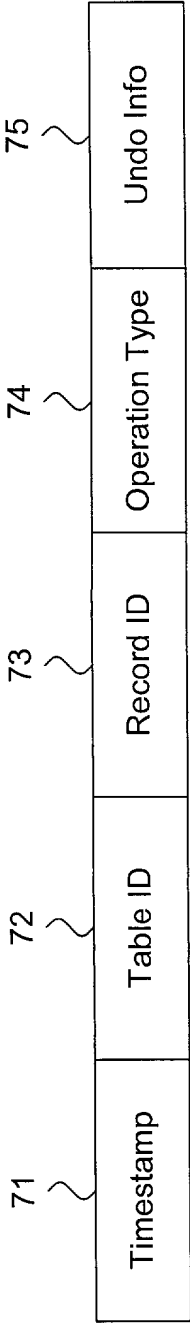


Figure 7.

130

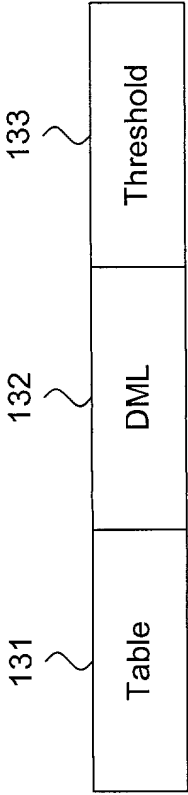


FIG. 5 is a block diagram of a system architecture for a database server. The system includes a Transaction Server (92) which is connected to a Database Server (96). The Transaction Server (92) is also connected to a Log Entry (93) and a Business Logic (94). The Log Entry (93) is connected to an Updated Record (95). The Business Logic (94) is connected to the Updated Record (95). The Updated Record (95) is connected to the Database Server (96). The Transaction Server (92) is also connected to a Committed Transaction (91). The Committed Transaction (91) is connected to the Transaction Server (92).

Figure 5.

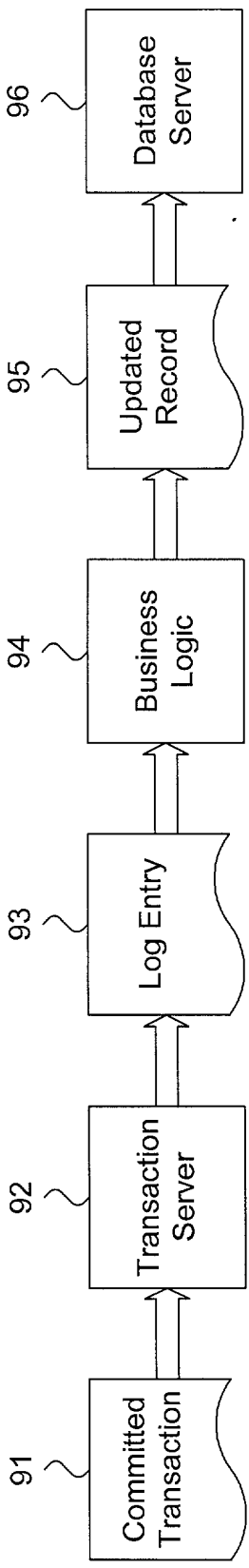


Figure 6.

110

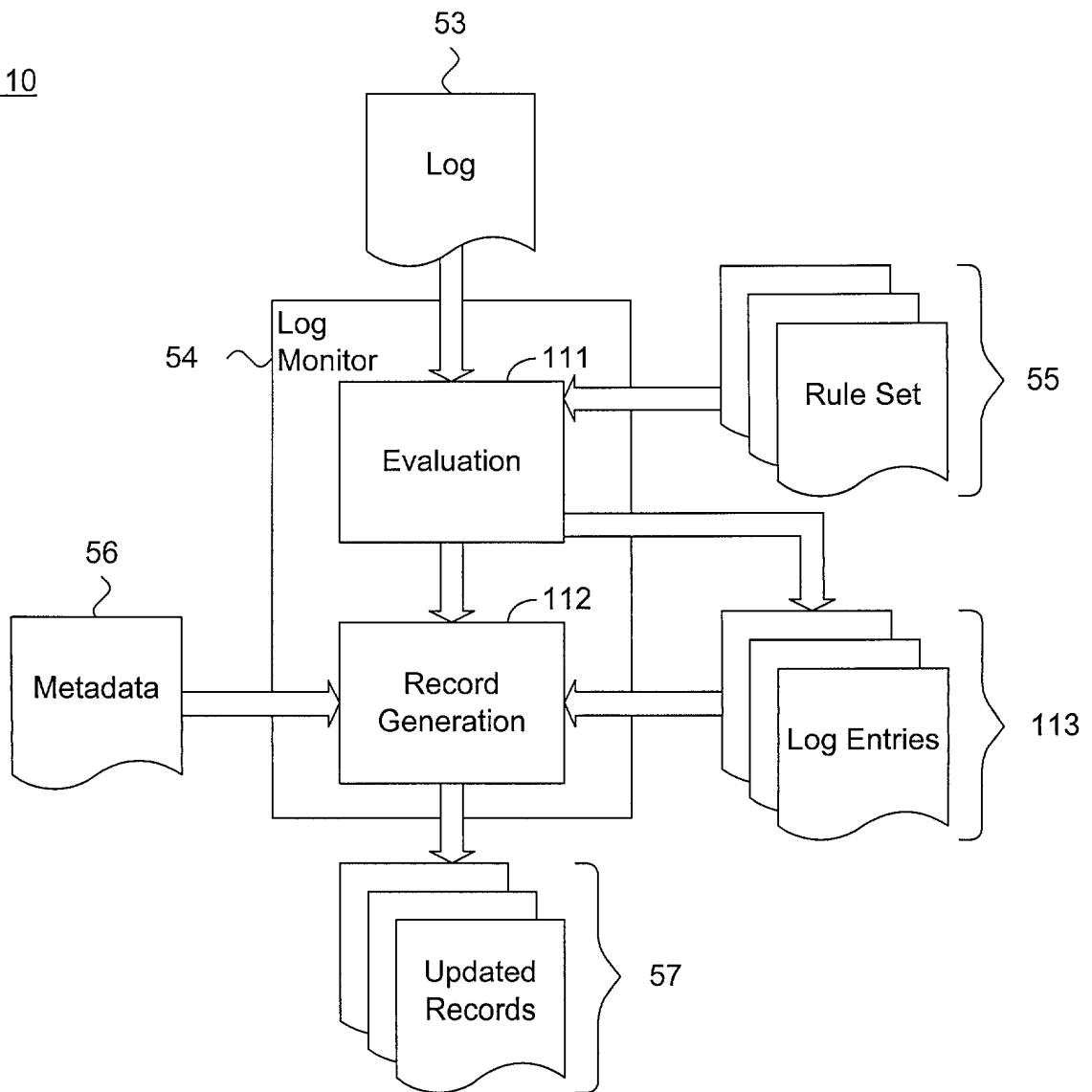


Figure 8.

